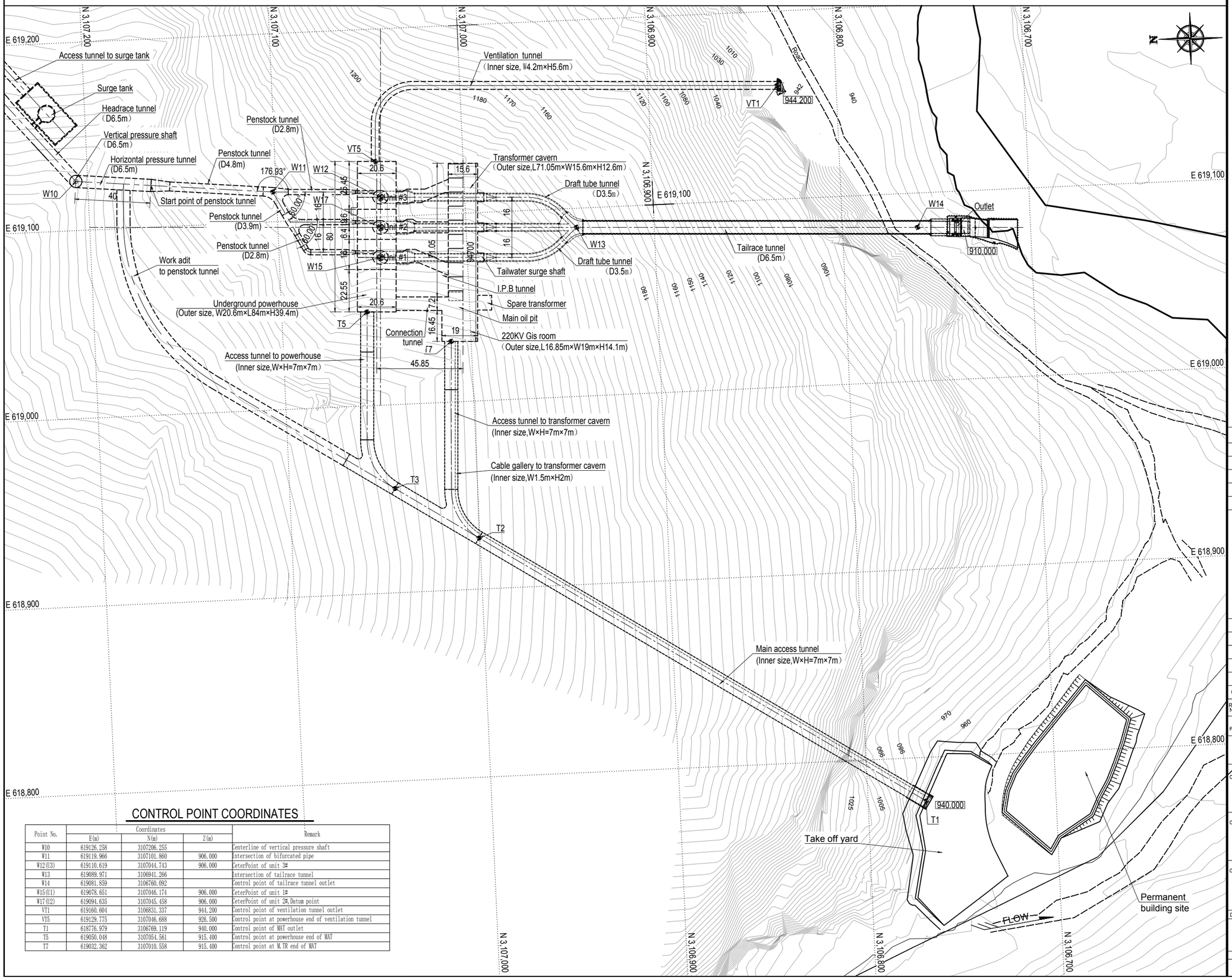
# GENERAL PLAN LAYOUT OF POWERHOUSE AREA

1:1000




## CONTROL POINT COORDINATES

| Point No. | Coordinates | | | Remark |
|---|---|---|---|---|
| | E(m) | N(m) | Z(m) | |
| W10 | 619126.258 | 3107206.255 | | Centerline of vertical pressure shaft |
| W11 | 619119.966 | 3107101.860 | 906.000 | Intersection of bifurcated pipe |
| W12(U3) | 619110.619 | 3107044.743 | 906.000 | CeterPoint of unit 3# |
| W13 | 619089.971 | 3106941.266 | | Intersection of tailrace tunnel |
| W14 | 619081.859 | 3106760.092 | | Control point of tailrace tunnel outlet |
| W15(U1) | 619078.651 | 3107046.174 | 906.000 | CeterPoint of unit 1# |
| W17(U2) | 619094.635 | 3107045.458 | 906.000 | CeterPoint of unit 2#,Datum point |
| VT1 | 619160.604 | 3106831.337 | 944.200 | Control point of ventilation tunnel outlet |
| VT5 | 619129.775 | 3107046.688 | 926.500 | Control point at powerhouse end of ventilation tunnel |
| T1 | 618776.979 | 3106769.119 | 940.000 | Control point of MAT outlet |
| T5 | 619050.048 | 3107054.561 | 913.400 | Control point at powerhouse end of MAT |
| T7 | 619032.362 | 3107010.558 | 913.400 | Control point at M.TR end of MAT |

## NOTE

1. All dimensions are in meters, and coordinates, chainages & elevations are in meters.

SCALE:

1:1000 0 10 20 30 40 50m

## REFERENCE DRAWINGS

| | |
|---|---|
| UT1-C-090-CVL-DG-64001 | LAYOUT DRAWING OF ACCESS TUNNEL TO POWERHOUSE |
| UT1-C-385-CVL-DG-65001 | LAYOUT DRAWING OF INVESTIGATION TUNNEL |
| UT1-C-070-CVL-DG-59001 | LAYOUT DRAWING OF TAILRACE SYSTEM |

## SYMBOL AND LEGEND

**FOR INFORMATION**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|---|---|---|---|---|---|
| OA | 12,MAY,2022 | First Issue | WANG X.H. | ZHANG F. | LI W.G. LIU Y.Z |

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT.LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

GENERAL LAYOUT DRAWING OF POWERHOUSE AREA

| INDEX | DRAWING NUMBER | SHEET NO. | REV. NO. |
|---|---|---|---|
| | UT1-C-300-CVL-DG-40001-01 | 1 OF 1 | OA |